



FEMA



Prepared by:
Brian Hoeth

FEMA Region 6 Weather Threat Briefing

Wednesday, July 18, 2018

Disclaimer: The purpose of this briefing is to provide a **Regional** weather threat assessment and is meant as a general overview. County/Parish decision makers should consult their local NWS forecast offices for the latest detailed, local weather information.

To find your local NWS forecast office, go to www.weather.gov/srh.

Today

- **A few strong to severe storms possible over NE OK into northern/central AR.**
- **Isolated heavy rain/flash flooding for west central NM, northern/eastern AR, and SE LA.**

Thursday

- **Isolated heavy rain/flash flooding over extreme west central NM.**

Friday – Sunday

- **No severe weather/flooding.**
- **Dry and very HOT temperatures across much of the region.**

Tropical Outlook

- **No new tropical cyclones are expected during the next five days.**

FEMA Region 6 Threat Matrix

July 18, 2018 – July 22, 2018



SR ROC
REGIONAL OPERATIONS CENTER

DAY / THREAT	WED	THU	FRI	SAT	SUN
Severe Storms	NE OK into Northern/Central AR.				
Heavy Rain / Flash Flooding	West Central NM. Northern/Eastern AR. SE LA.	West Central NM.			
Fire Weather					
Tropical Weather					
River Flooding					

	No Weather Threats Expected
	Very Common – Happens Often
	Common – Happens Frequently
	Uncommon – A Few Times a Year
	Rare – Once Every 1-5 Years
	Very Rare – Once Every 5-10 Years

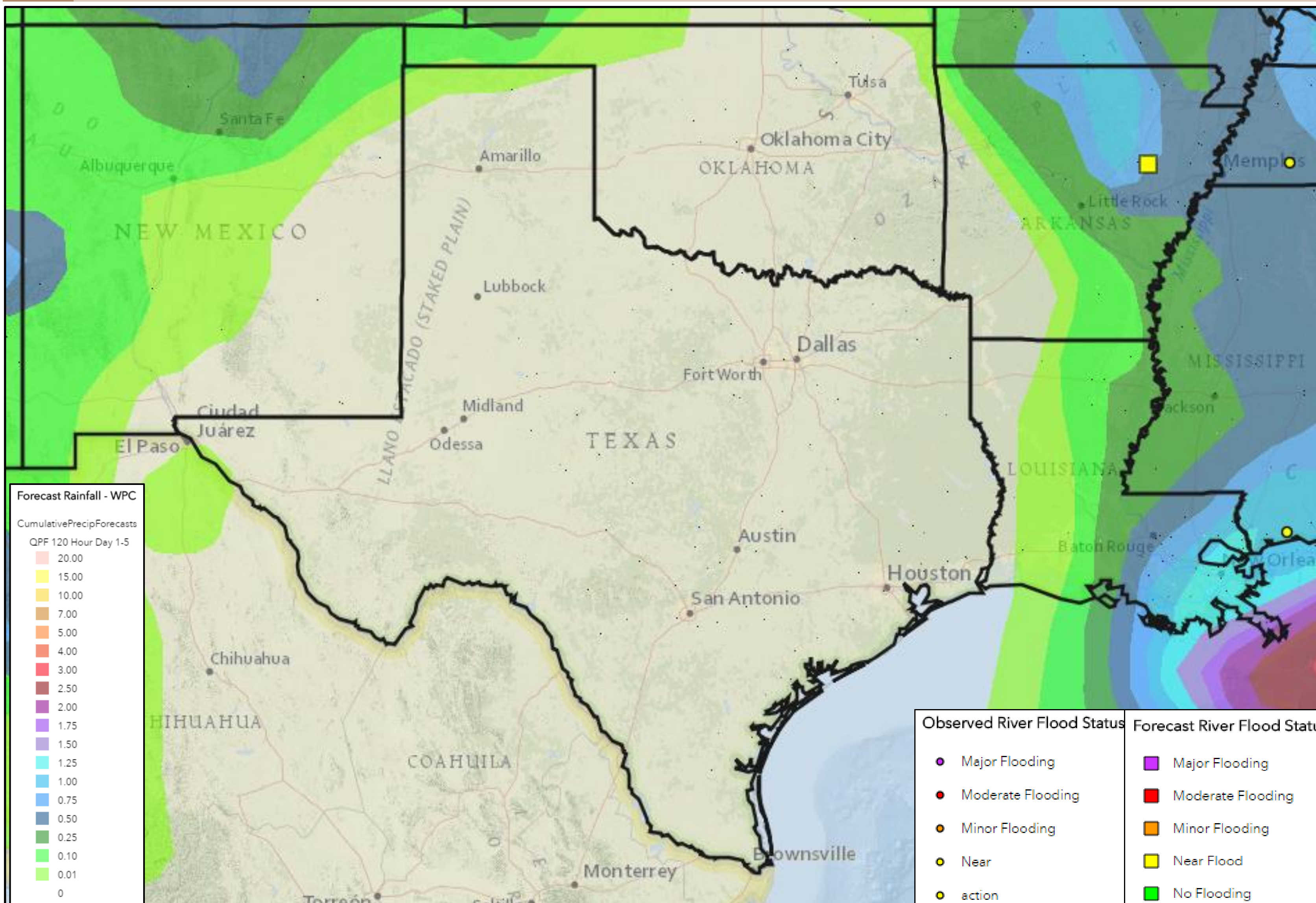
**Threat levels are based on FEMA Region 6 criteria.
State or local threat level criteria may differ.*
For more details on the colors in the threat matrix refer to the last slide in this briefing.*

5-Day Precipitation Forecast & River Flood Status



SR ROC
REGIONAL OPERATIONS CENTER

Note: Even though the image displays 5 days of forecasted rainfall, river forecasts only include 1-2 days of rainfall

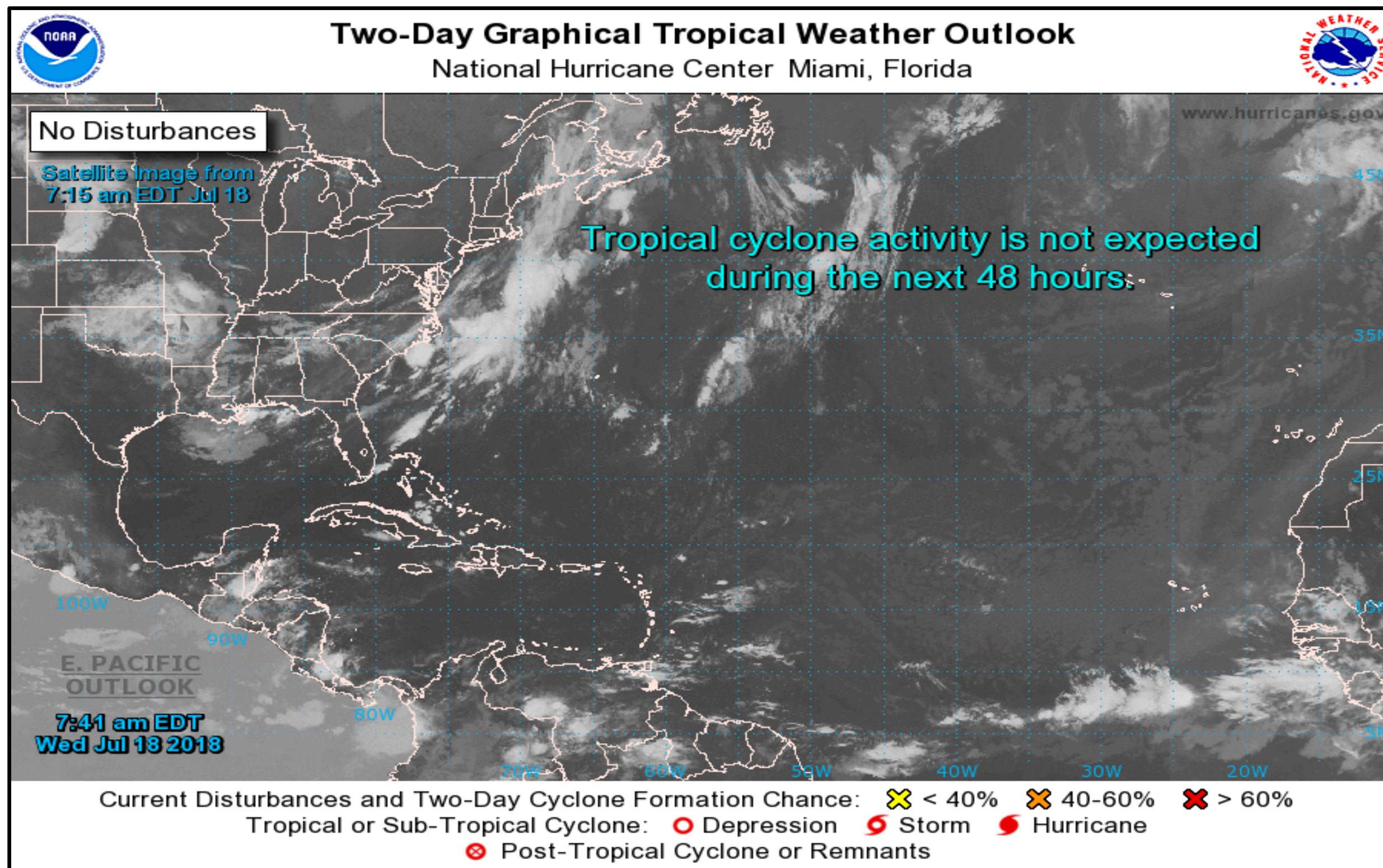


No river flooding is observed or forecast.

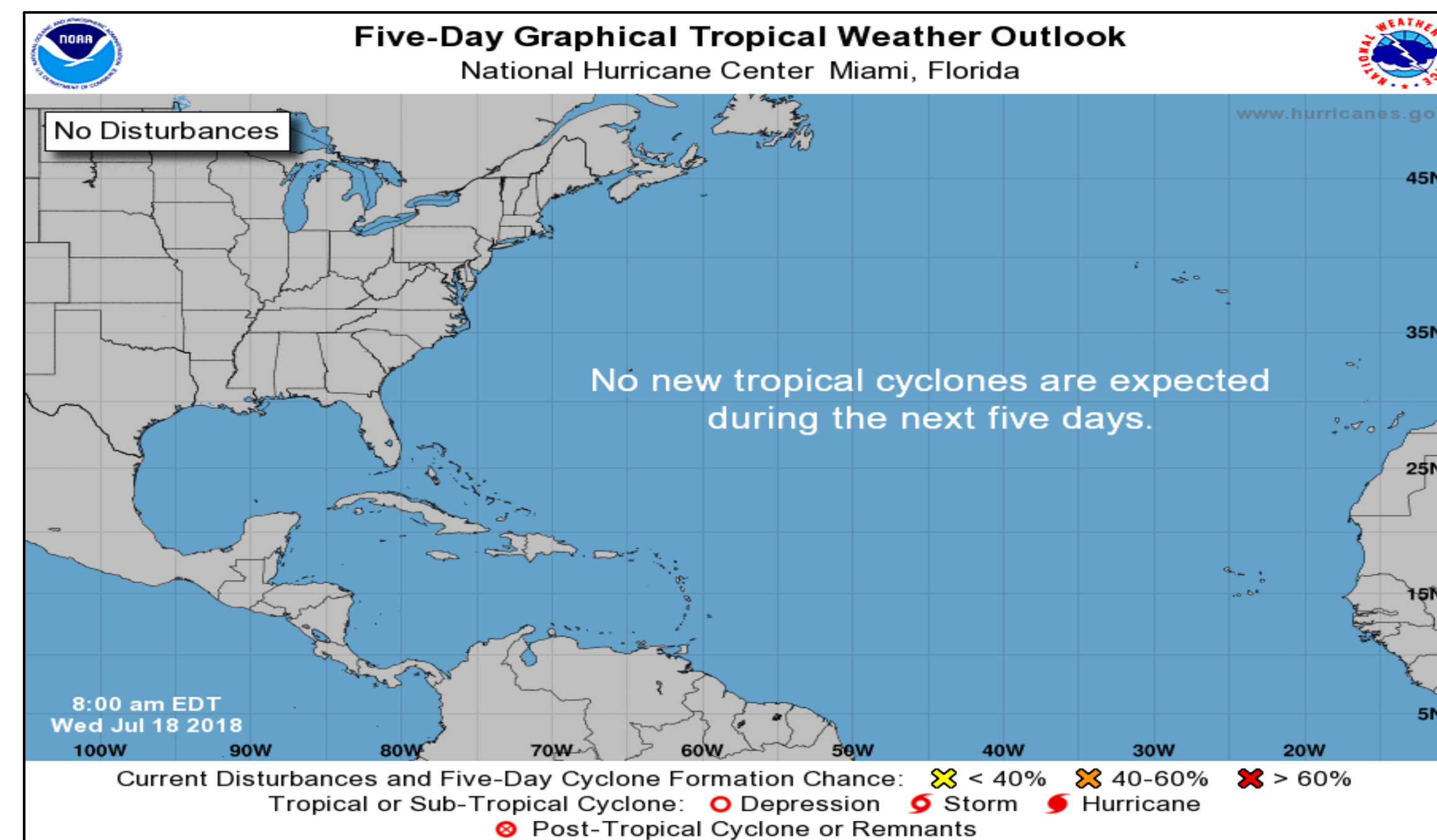
Tropical Weather Outlook – Atlantic/Gulf



SR ROC
REGIONAL OPERATIONS CENTER



No new tropical cyclones are expected during the next five days.



Today's Weather



A few strong to severe storms are possible for NE OK into northern and central AR. Damaging winds/hail are the primary threats.

Isolated heavy rainfall/flash flooding for west central NM, northern and eastern AR, and SE LA.

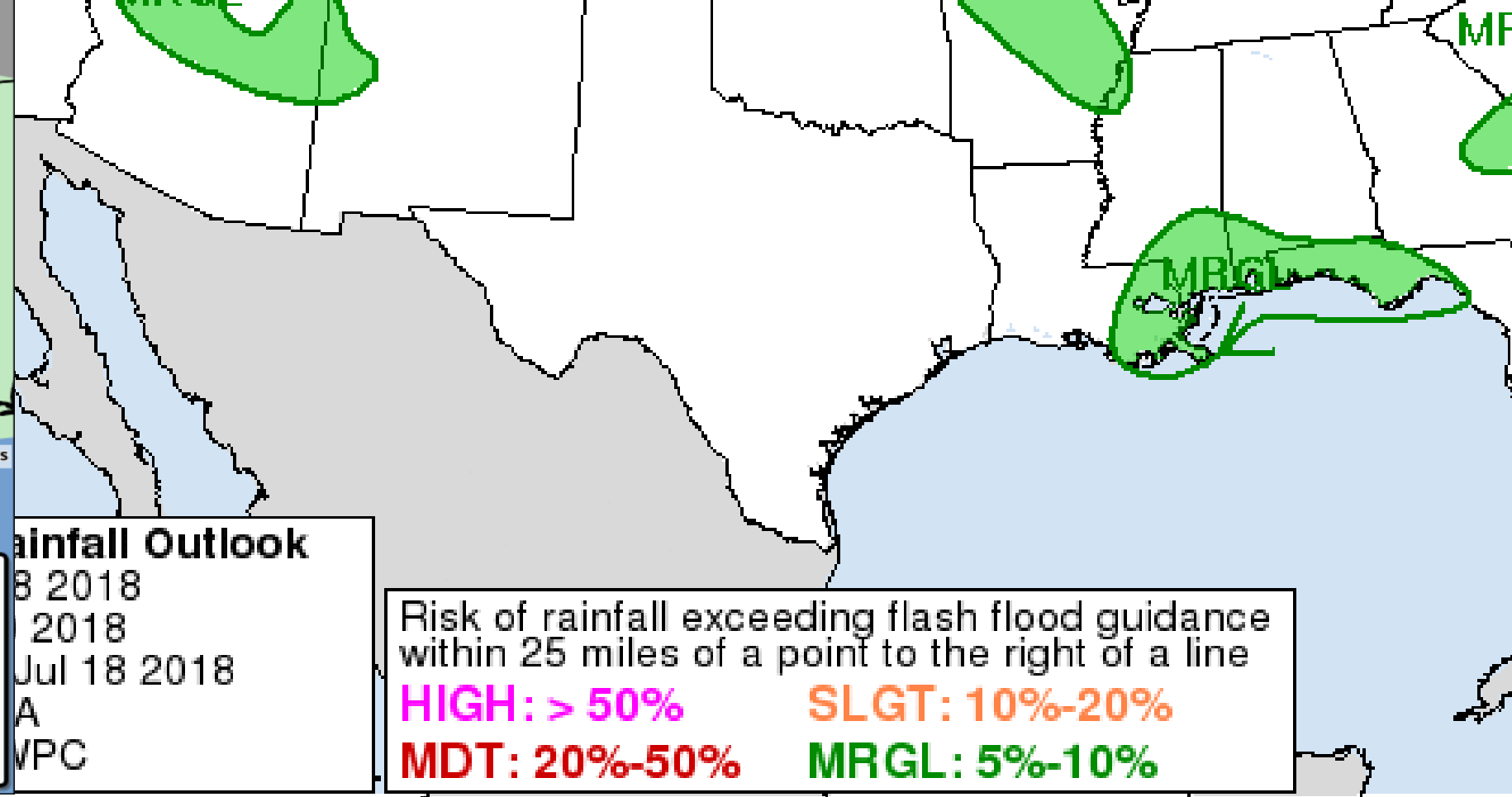
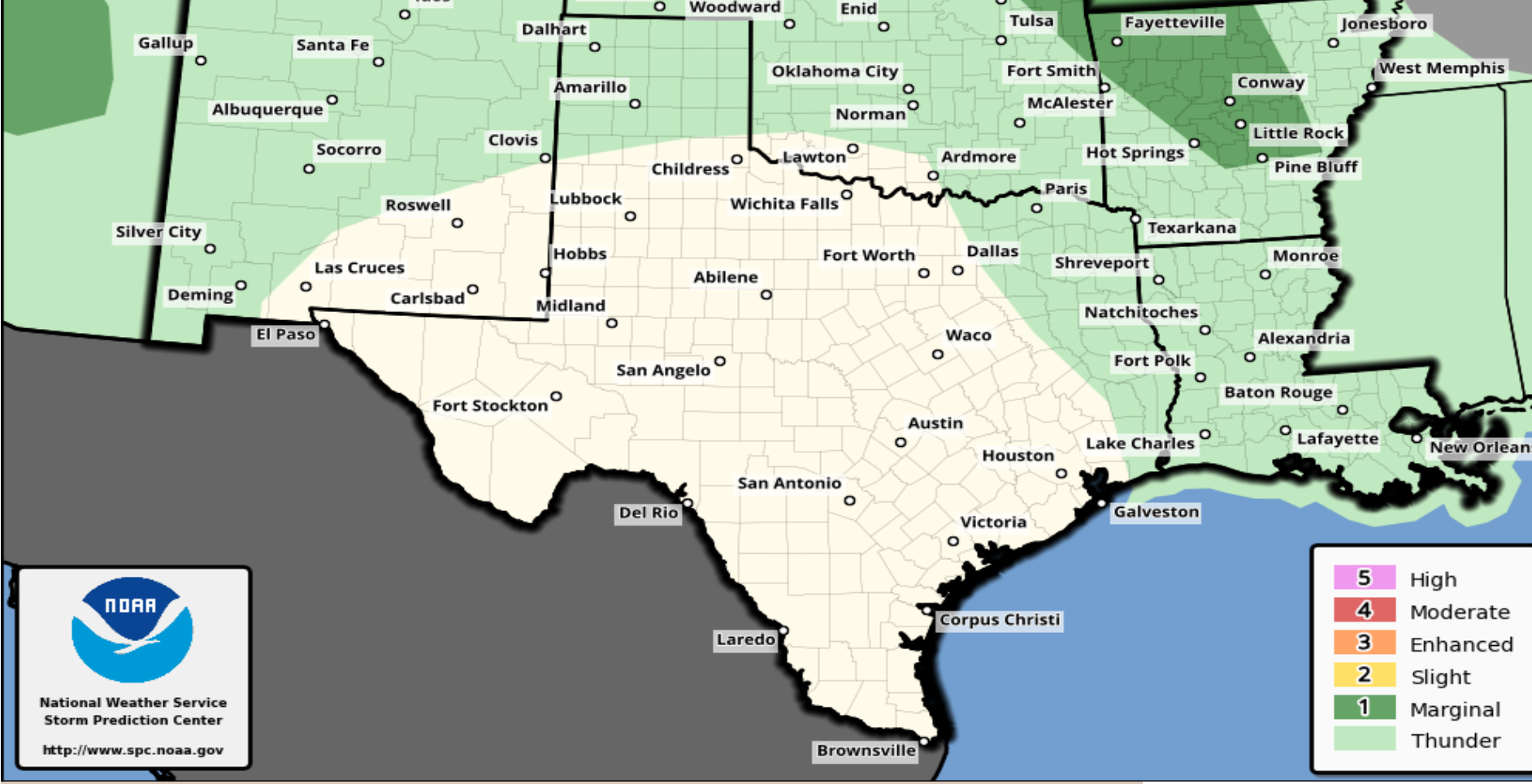
Forecast Chart



Forecast Rainfall



A map of the study area in New Mexico, showing the location of the study sites (Farmington, Chama, Taos, Raton, Guymon, Bartlesville) relative to the New Mexico-Arizona border. The map shows the border running horizontally across the top, with the study sites located below it. The sites are marked with dots and labeled: Farmington, Chama, Taos, Raton, Guymon, and Bartlesville. The map also shows major roads and geographical features.



Tomorrow's Weather

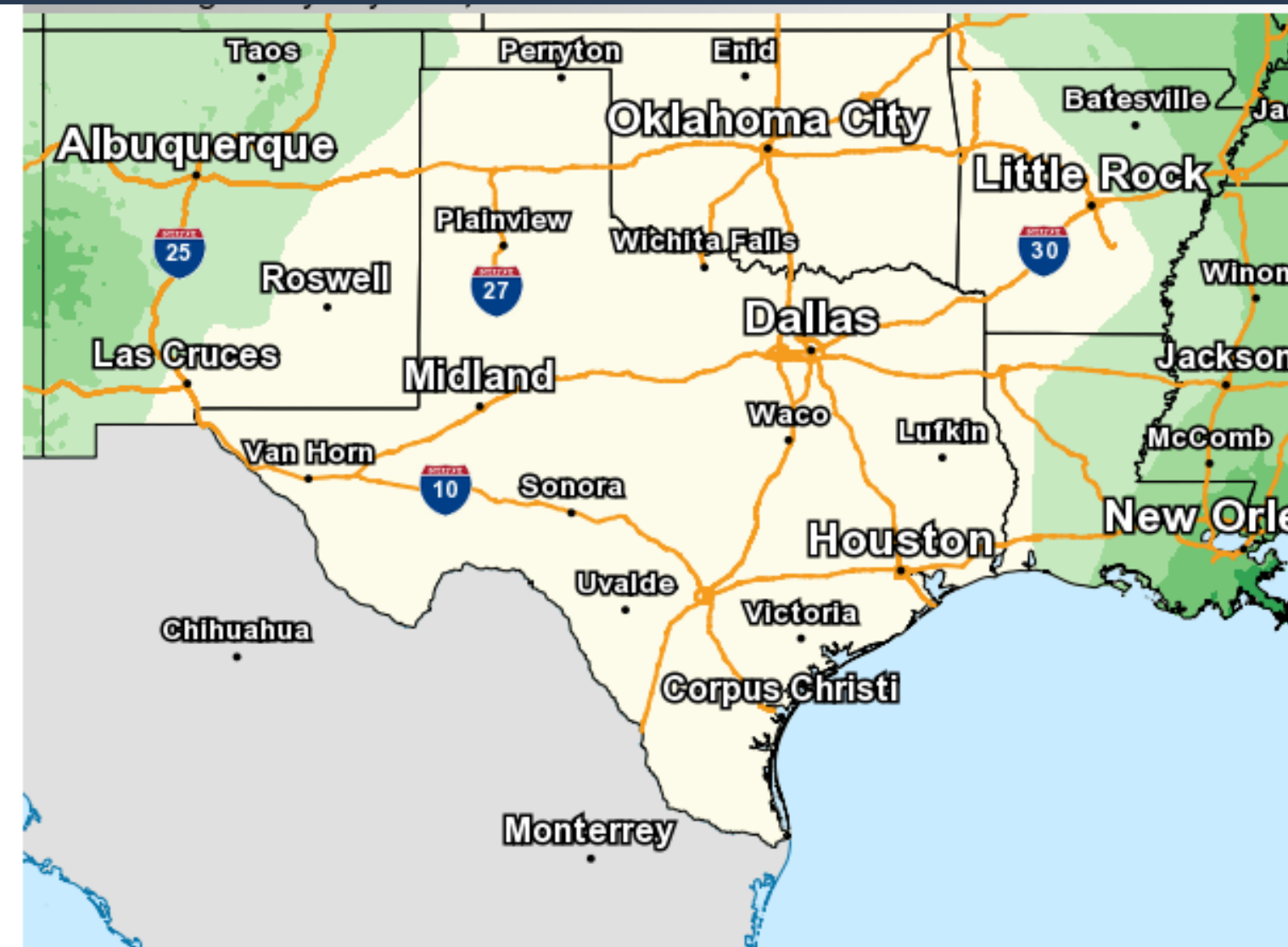
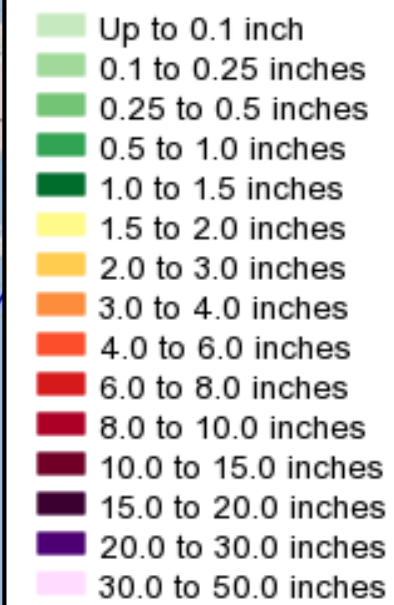
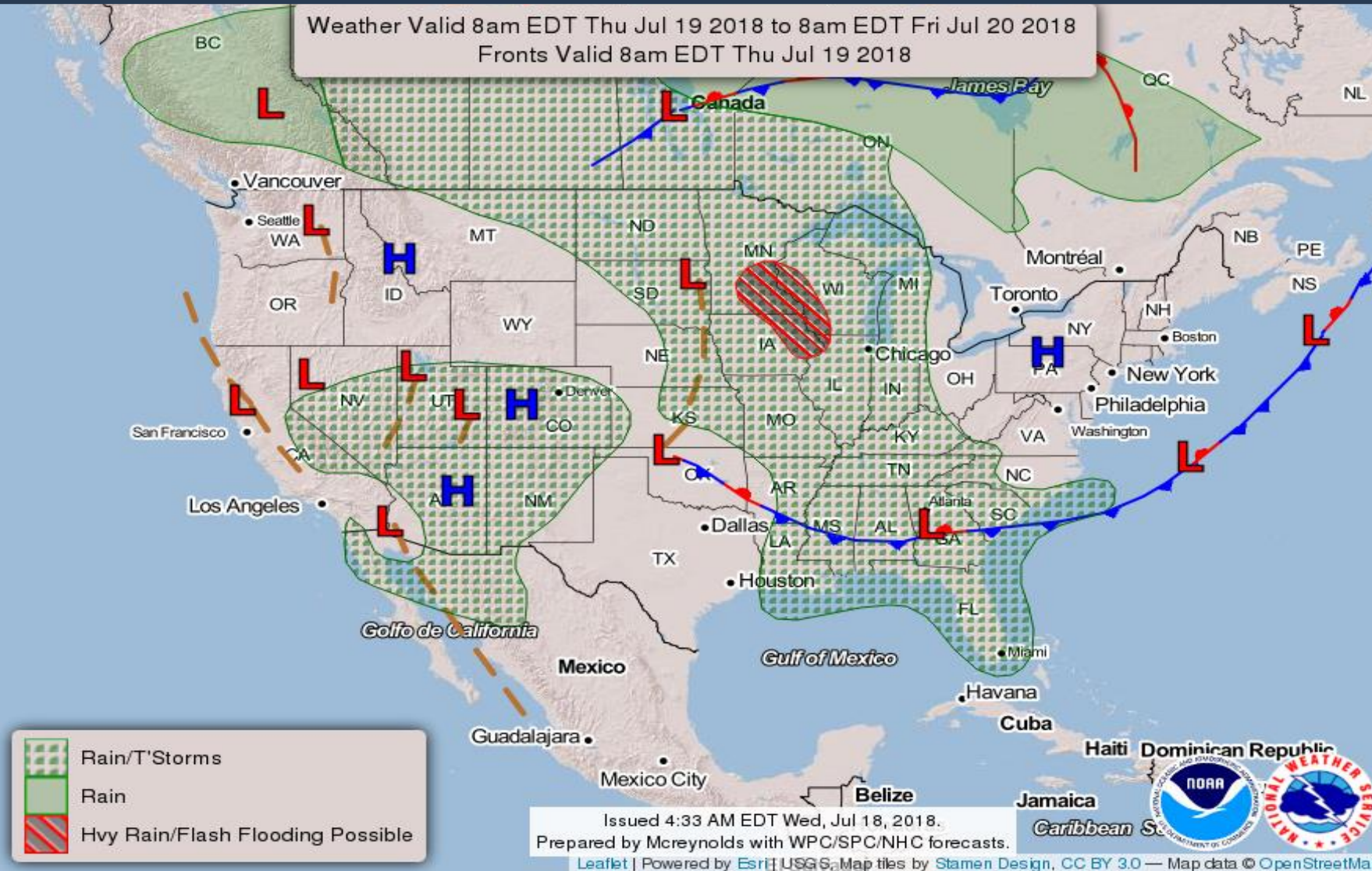


SR ROC
REGIONAL OPERATIONS CENTER

Forecast Chart

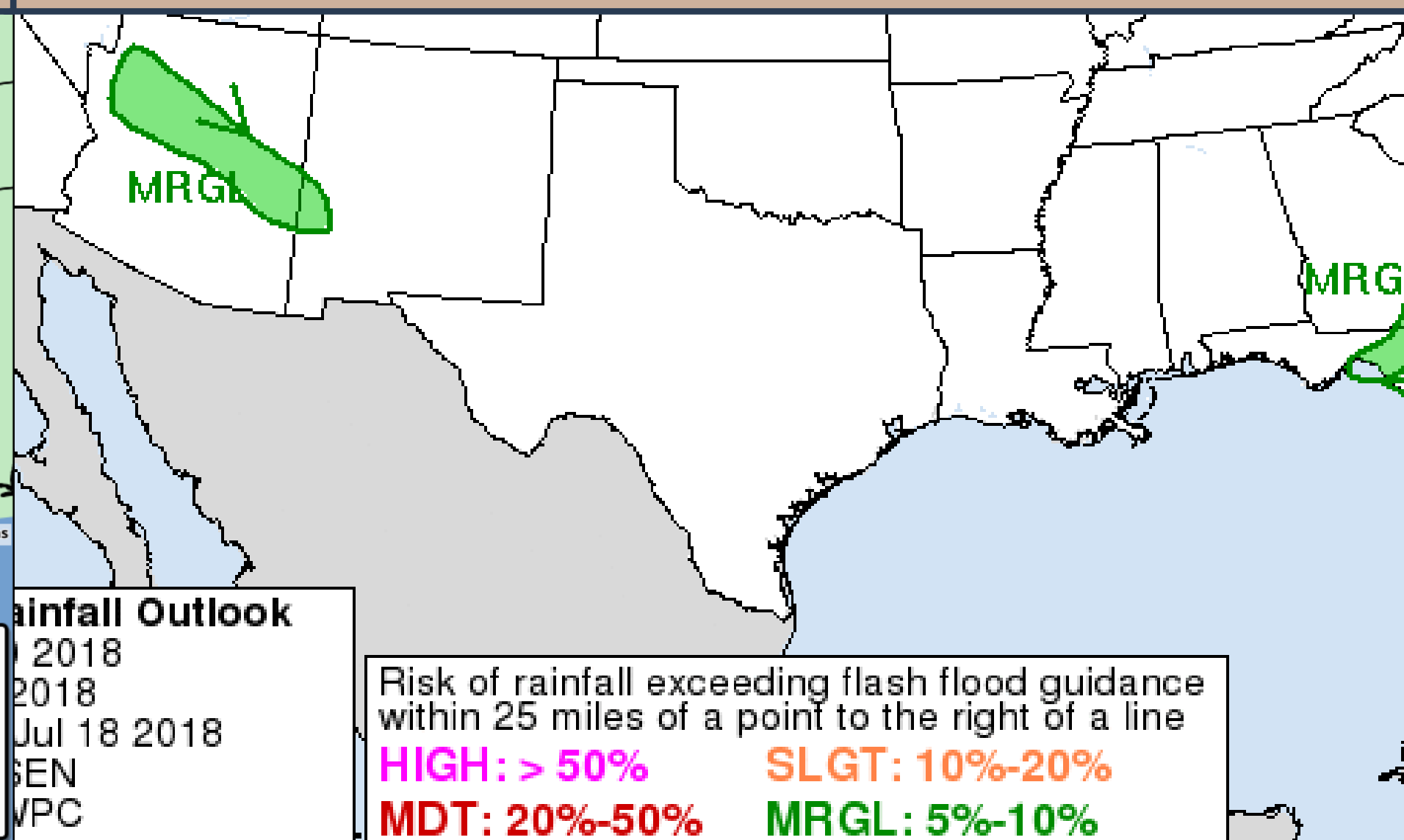
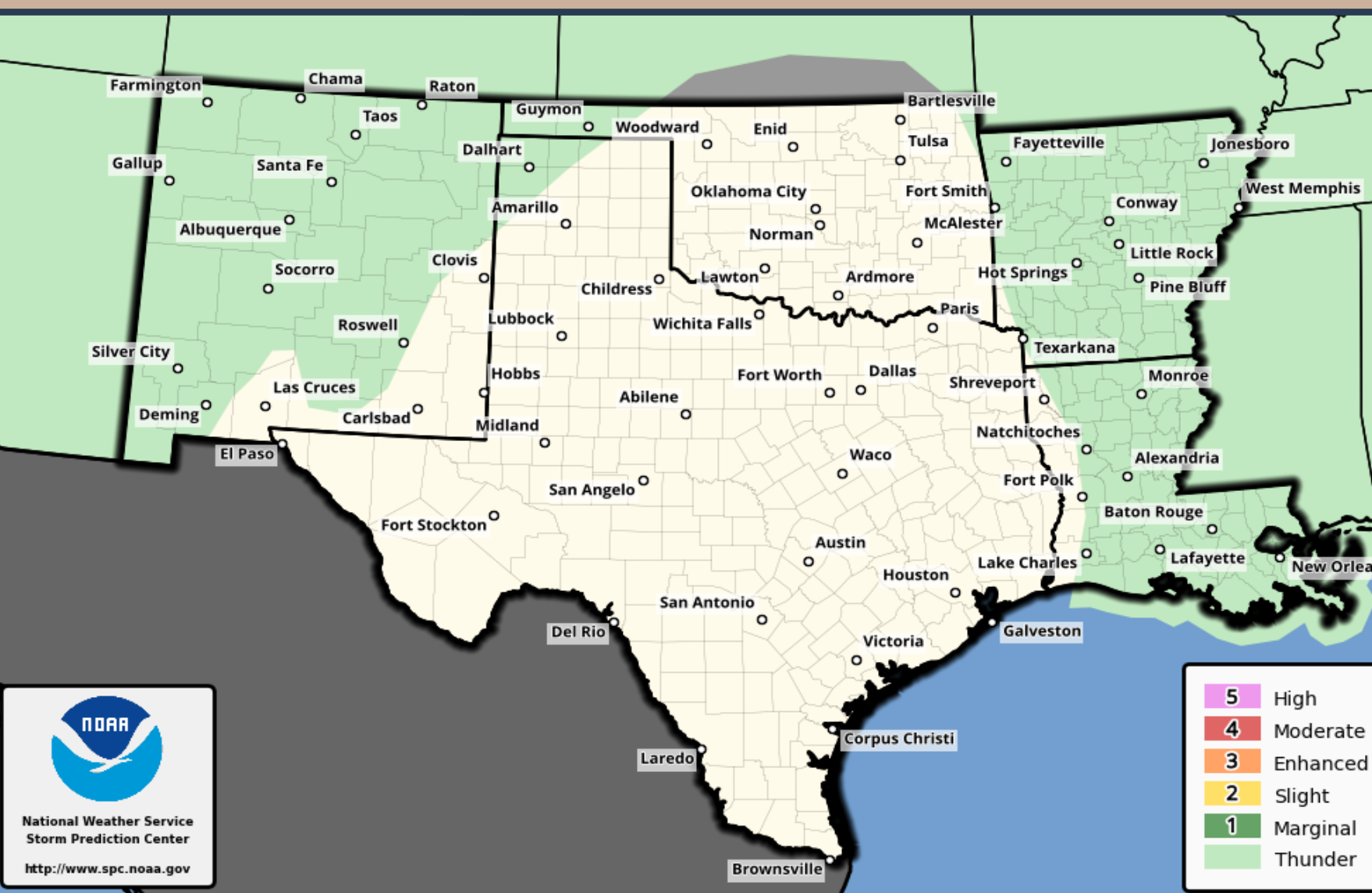
Forecast Rainfall

Isolated heavy rain/flash flooding for extreme west central NM.



Severe Weather Outlook

Excessive Rainfall Outlook

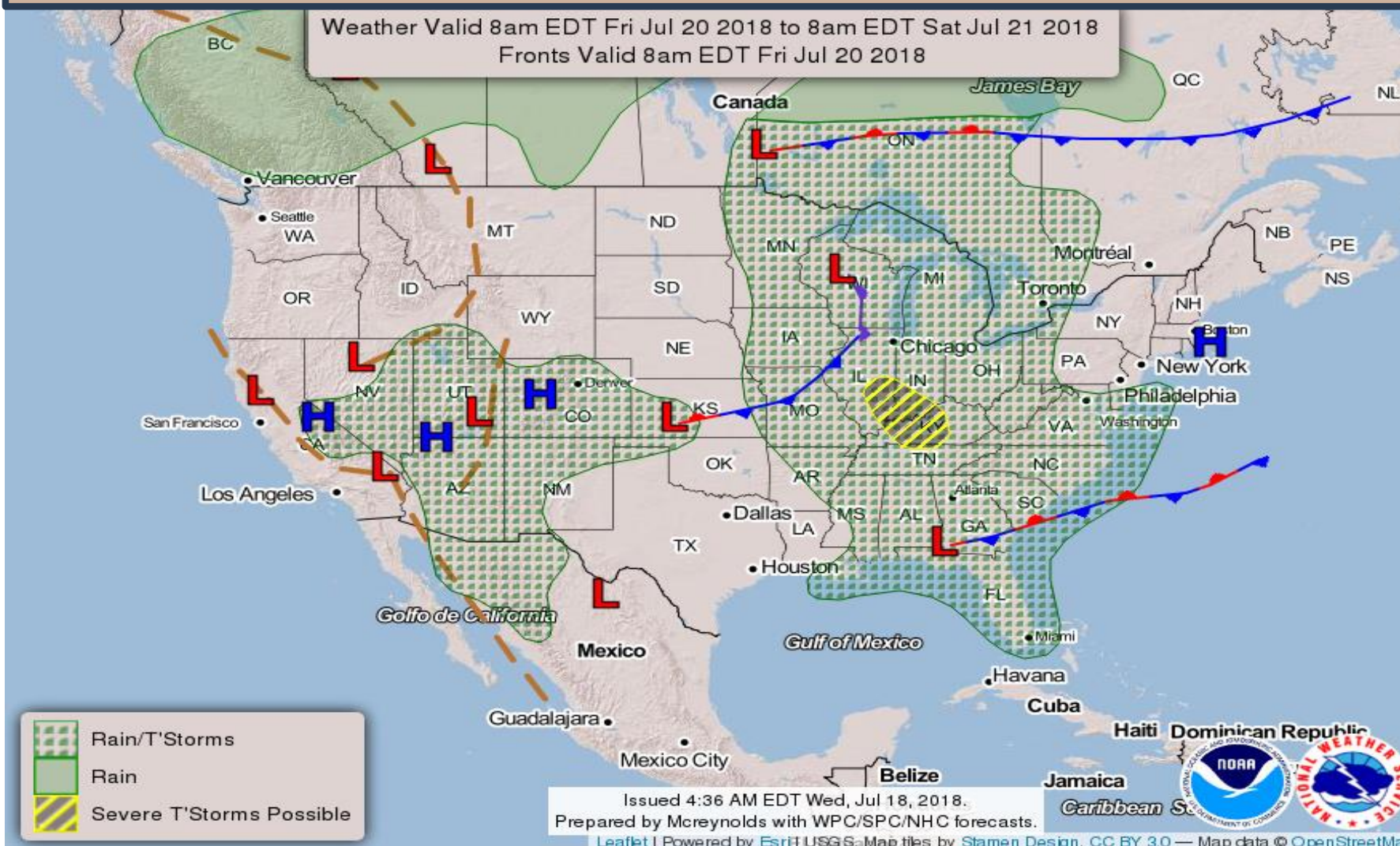


Friday's Weather

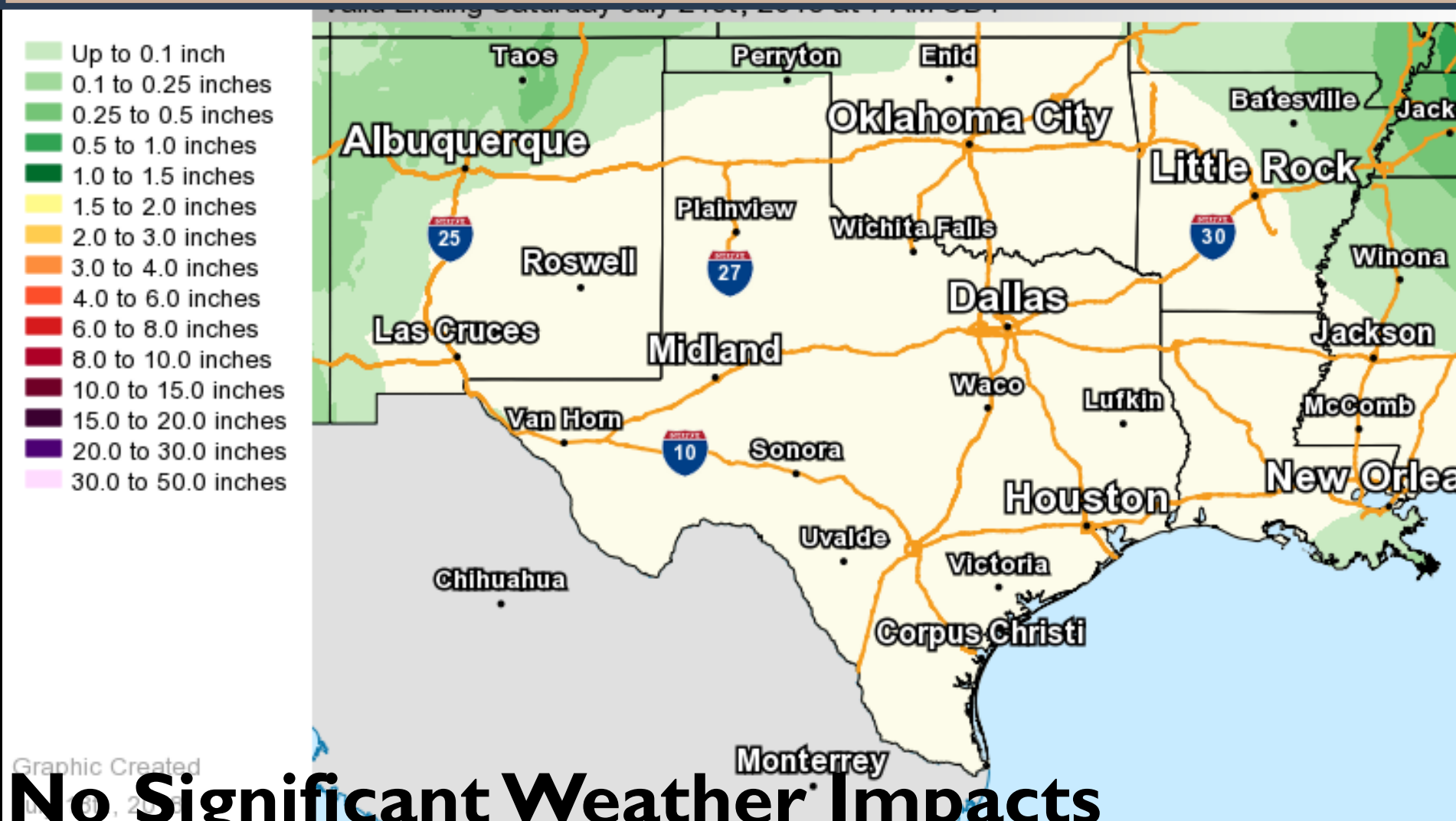


SR ROC
REGIONAL OPERATIONS CENTER

Forecast Chart



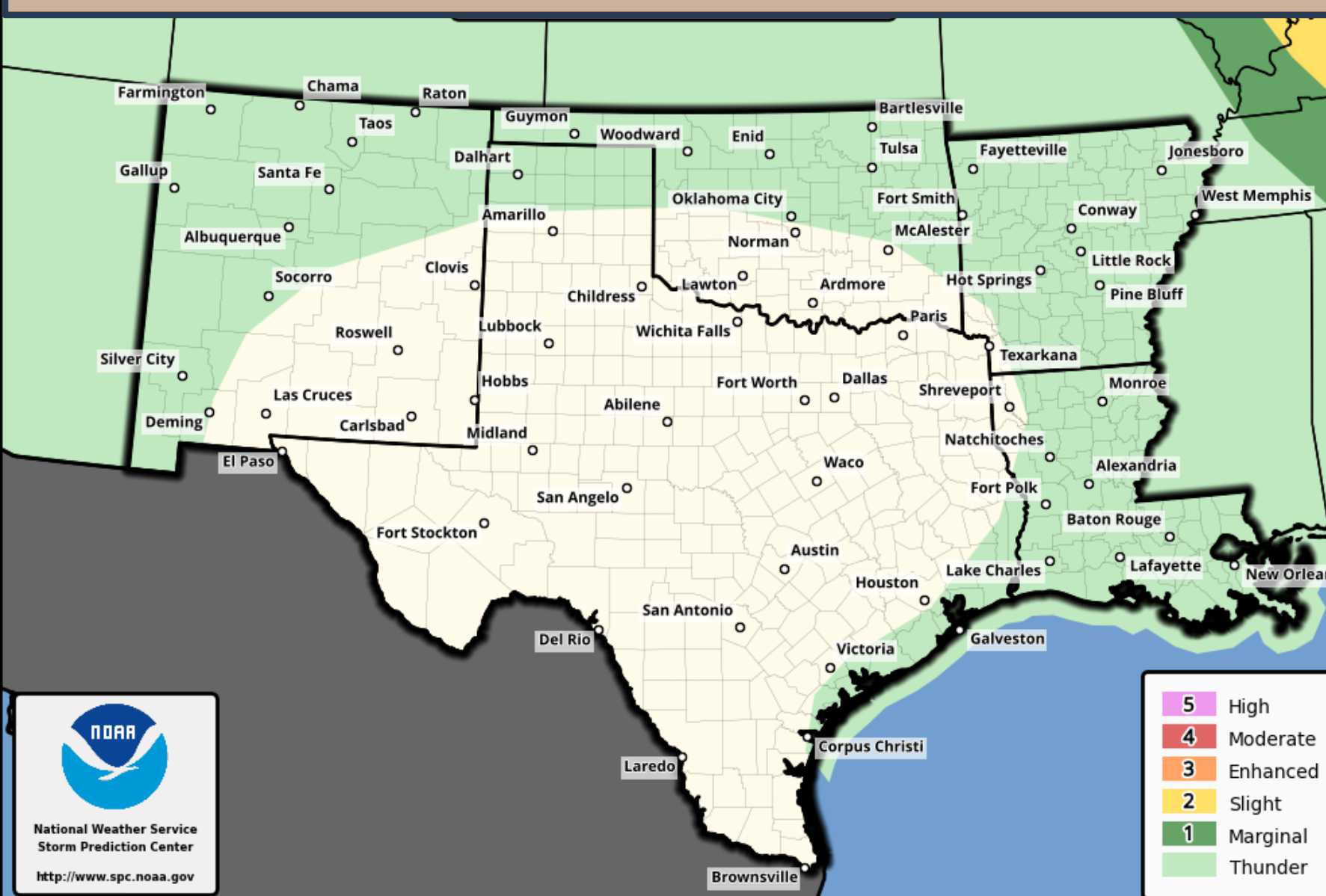
Forecast Rainfall



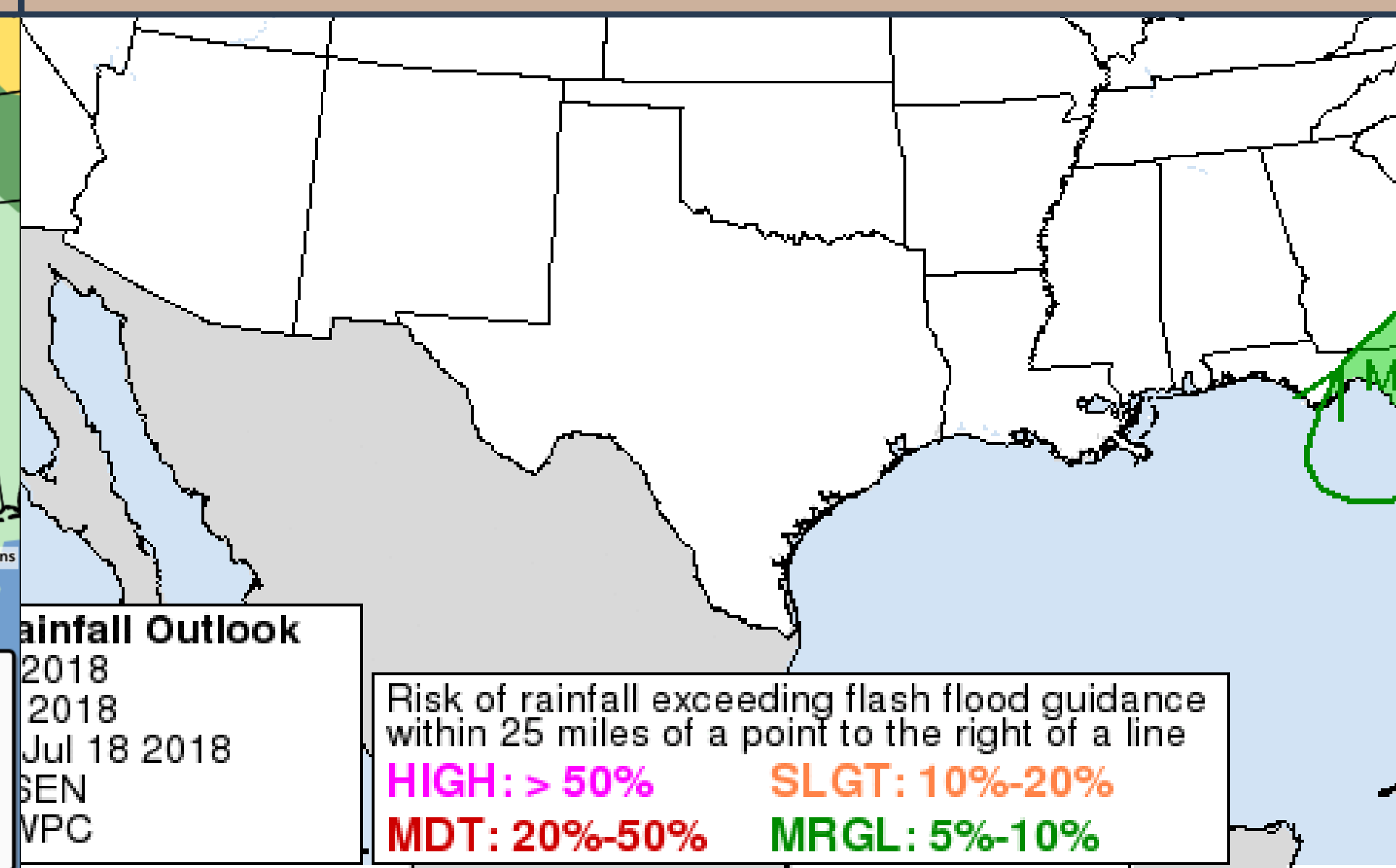
No severe weather/flooding.

Dry and very HOT temperatures across much of the region.

Severe Weather Outlook



Excessive Rainfall Outlook

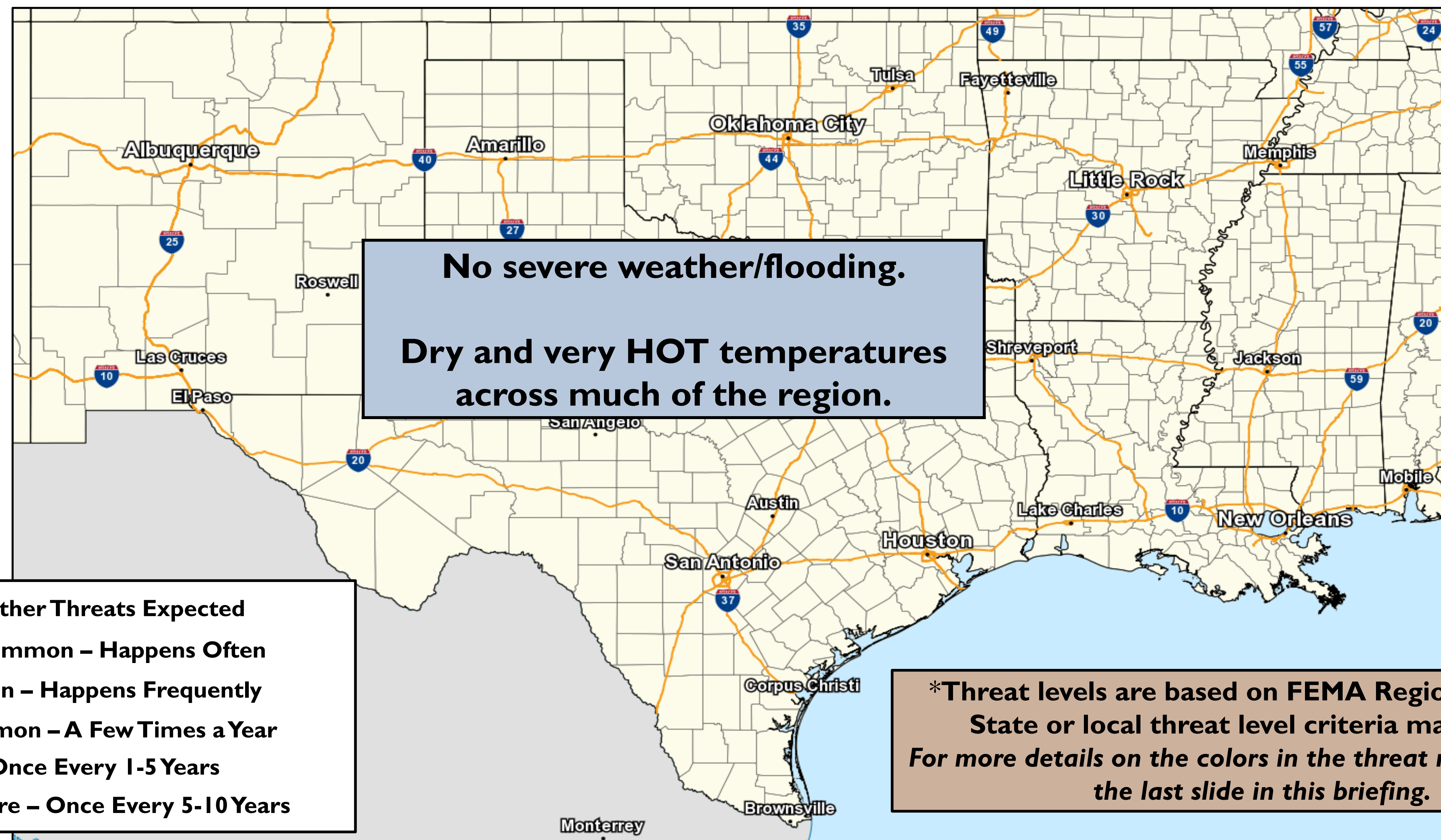


Days 4-5 Weather Hazards

Saturday - Sunday



SR ROC
REGIONAL OPERATIONS CENTER



- No Weather Threats Expected
- Very Common – Happens Often
- Common – Happens Frequently
- Uncommon – A Few Times a Year
- Rare – Once Every 1-5 Years
- Very Rare – Once Every 5-10 Years

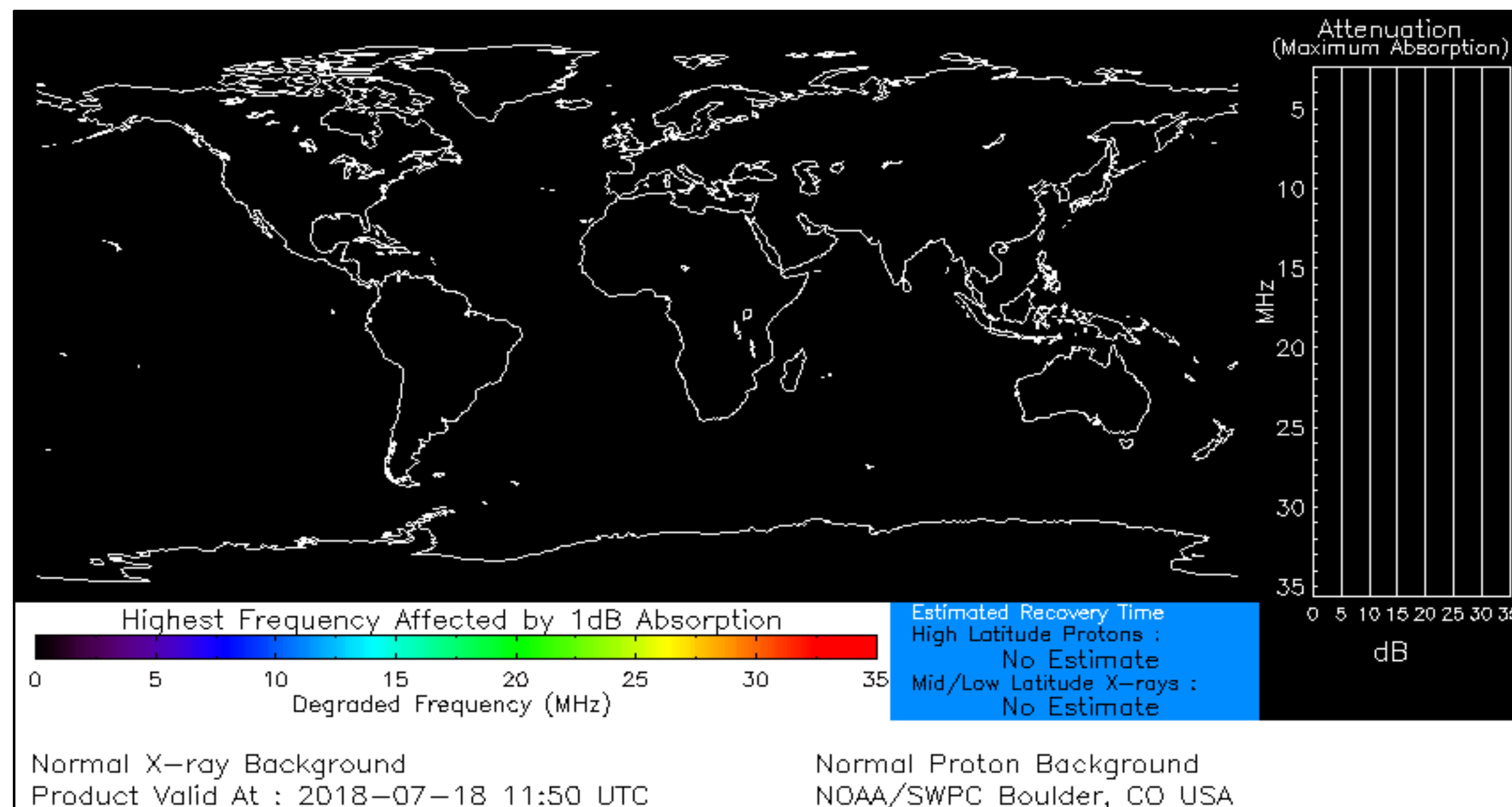
**Threat levels are based on FEMA Region 6 criteria.
State or local threat level criteria may differ.*
For more details on the colors in the threat matrix refer to
the last slide in this briefing.*

Space Weather 3-Day Forecast



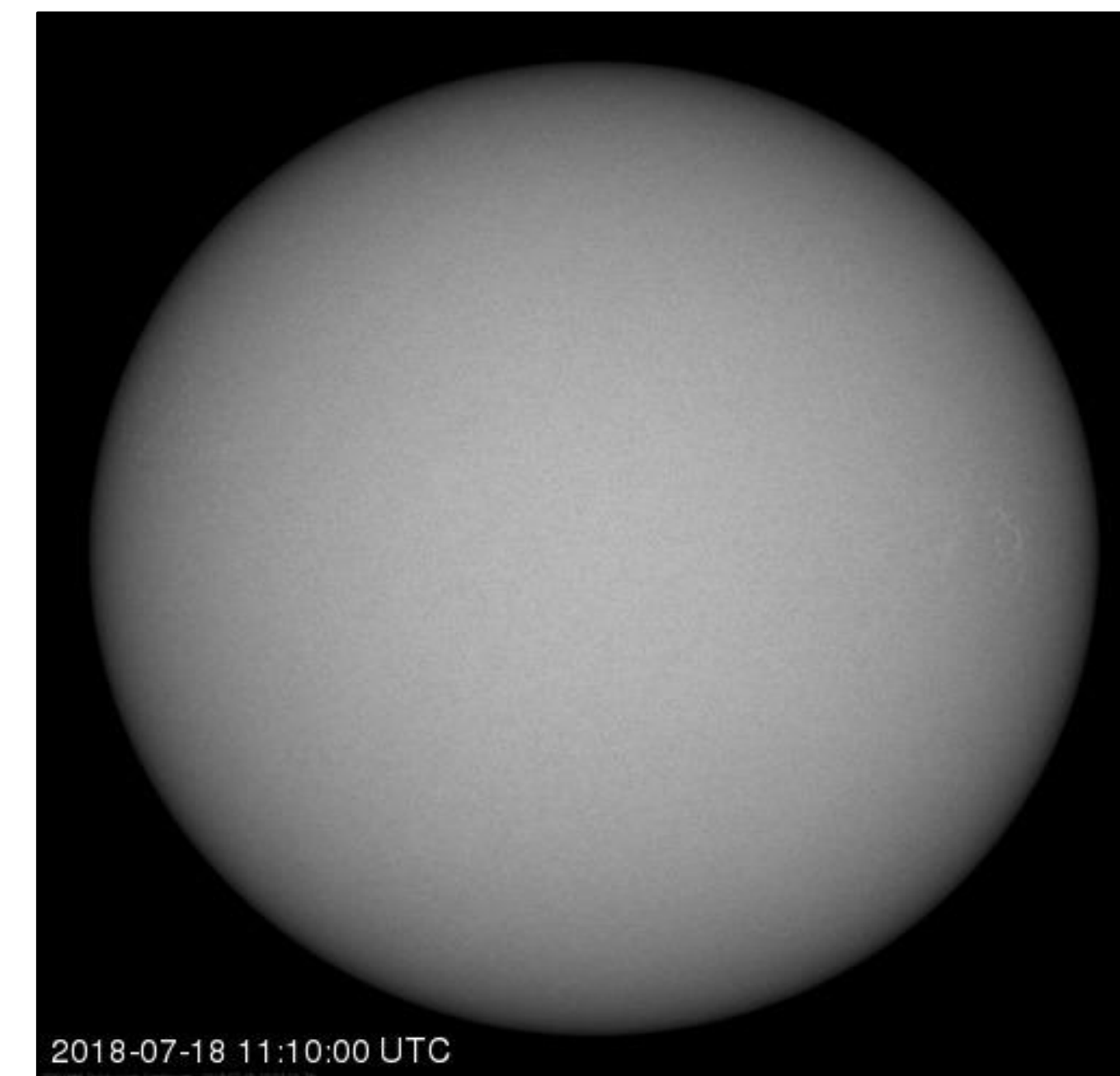
SR ROC
REGIONAL OPERATIONS CENTER

	Wednesday	Thursday	Friday
Geomagnetic Storms	Quiet (Max Kp = 2)	Quiet (Max Kp = 2)	Unsettled to Active (Max Kp = 4)
Solar Radiation Storm (S1-S5)	1%	1%	1%
Radio Blackout (R1-R2)	1%	1%	1%
Radio Blackout (R3-R5)	1%	1%	1%



[Click here for a Description of the Space Weather Storm Scales](#)

[Click here for the Latest 3-Day Space Weather Forecast Text](#)





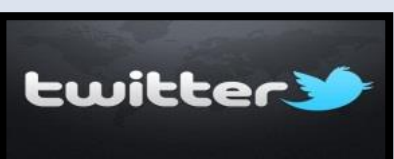
For more information, please contact:

National Weather Service
Southern Region Headquarters
Regional Operations Center
Fort Worth, TX

Phone: (682) 703-3747

E-mail: sr-srh.roc@noaa.gov

Web: <http://www.weather.gov/srh>



Weather “Threat” Matrix			
Color	Definition	Criteria	Example(s)
Green	Very Common Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Little Inconvenience to Daily Routines	Severe: Marginal Risk from SPC Flooding: Minor flooding expected over localized areas Tropical: None Fire Weather: No Watches/Warnings, fuel moisture above 10% or green up active	<ul style="list-style-type: none"> Thunderstorms expected over LA this afternoon; a few may produce winds to knock down a few trees Something that happens almost every day in a particular season such as <u>seabreeze</u> storms in coastal TX
Yellow	Somewhat Common – Happens Frequently Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Some Inconvenience to Daily Life	Severe: Slight Risk from SPC Flooding: Nuisance flooded expected for a widespread area, or Minor flooding expected over isolated areas Tropical: A weak tropical wave expected to move towards or near any coastline Fire Weather: Red Flag Watches/Warnings and/or SPC outlines enhanced or critical fire outlook	<ul style="list-style-type: none"> 2-3 inches of rainfall expected over central AR today and tonight; some minor (brief) street flooding possible Scattered severe storms possible, one or two tornadoes expected, along with reports of strong winds/wind damage and ~1” hail
Orange	Uncommon – A Few Times a Year Safety: Often Threatening to Life and Property, Some Damage Unavoidable Impact Potential: Typically Results in Minor Disruption to Daily Life	Severe: Enhanced Risk from SPC Flooding: Minor flooding expected over a widespread area (including urban locations), or Moderate flooding expected over isolated areas Tropical: A Tropical Storm expected to move towards or near any coastline Fire: Critical fire outlook for more than 2 consecutive days, Warnings for 2 or more consecutive days, D3-D4 drought conditions	<ul style="list-style-type: none"> A snow/sleet mix is expected to move through or near the DFW area tomorrow morning; travel impacts likely Numerous severe storms possible, a few tornadoes possible along with several reports of wind damage along with damaging hail Some large fires reported, burn bans advertised, critical conditions expected
Red	Rare – Once every 1-5 Years Safety: Extensive Property Damage Likely, Life Saving Actions Also will be Needed Impact Potential: Will likely result in Large Disruption to Daily Life	Severe: Moderate Risk from SPC Flooding: Moderate flooding expected over a widespread area (including urban locations) Tropical: A Hurricane expected to move towards or near any coastline Fire: Large areas of critical conditions for 2 or more days, Warnings for 3 or more days, Severe to extreme drought	<ul style="list-style-type: none"> A Category 1 hurricane will be moving towards the NW Gulf in the next few days Widespread severe storms likely, strong tornadoes, widespread wind damage, and destructive hail Large fires ongoing throughout the area with critical fire weather conditions expected to continue
Purple	Very Rare – Once Every 5-10 Years Safety: Property Damage Unavoidable, Immediate Action to Save Life will be Needed Impact Potential: Typically Results in Long-Lived Widespread Major Disruption to Daily Life	Severe: High Risk from SPC Flooding: Major flooding expected over a widespread area (including urban locations) Tropical: A Major Hurricane (Cat3 or greater) expected to move towards or near any coastline Fire: Large area of critical conditions for 2 or more days, Warnings for 3 or more days, Long term (months) of severe to extreme drought	<ul style="list-style-type: none"> A Category 4 hurricane is headed towards the SE LA; major storm surge, flooding and damaging winds anticipated to begin tomorrow Widespread severe storms expected, tornado outbreak probable with long-lived, very widespread and particularly intense storms

Criteria for the color codes in this briefing is to the left, please provide any feedback to

sr-srh.roc@noaa.gov